**MODEL QUESTIONS FOR S.E.T PRIMARY SIX(6) 2020**

1. Why do you think it is necessary for mechanics and blacksmiths to put on protective clothes?
2. How can the blacksmith art be improved to prevent injuries to the user and damage to the blacksmith tools?
3. a) Name any one (1) protective clothe that one should wear while using tongs during forging of metals.

b) What is the work of bellows?

4) Describe briefly the safety precautions taken when using mechanics and blacksmith tool.

5) a) The turning point of a lever is known as ……………………………………

a) effort b) load

c) fulcrum d) arm

b) When using a spade, one applies effort at the……………………………….

a) Handle b) load

c) Scooping end d) Handle and the Scooping end

c) The object to be lifted in a lever is known as……………………………………

a) effort b) fulcrum

c) load d) arm

6) a) What is the work of a simple machine?

b) Why is the fulcrum of the crowbar close to the load?

c) What is the unit for measuring effort?

7) a) Anne wants to carry sand from the classroom to the farm. What lever is she going to use?

b) In what class of lever is the machine found?

c) Describe briefly how Anne will use and maintain the simple machine she will use.

8) Use of TRUE or FALSE to the following questions.

1) A simple machine uses a single applied force to do work against a single load.

2) The force applied on a simple machine is always greater than the work done.

3) Most levers are examples of simple machines.

9) a) Where do we apply simple machines in our daily lives?

b) Name the parts the parts of your body that act as levers.

10) a) Name two materials that can be used to make toys.

b) Apart from toys, name other utility objects found at home that are made of clay.

11) Match the following items with the suitable materials used to make them.

|  |  |
| --- | --- |
| Item | Material |
| a) Socks | a) Wires |
| b) Polygons | b) Clay |
| c) Dolls | c) Papers |
| d) Toy motocycle | d) Thread |

12) Which one of the following statements is **False** about the desktop?

a) The desktop is the main screen area that you see after you turn on your computer.

b) The desktop serves as your work area.

c) When you open applications or folders, they appear on the desktop.

d) The desktop is the same as browse window.

13) The following items are found on the desktop window except one. Which one is it?

a) The top panel. b) Desktop icons

c) Task bar d) Tool bar

14) Explain the following terminologies as used in Gnumeric worksheet.

a) Cell b) Tool bar

c) Folmula

15) Where do you locate the Gnome application **Places**?

16) Briefly explain the following elements found on the Gnome desktop.

a) Top panel b) Desktop panel c) Bottom panel

17) ………………….is the name given to the first window of a search engine.

18) Popular examples of search engines are Google,Yahoo,MSN, and……………………

a) CiteSeer b) Get CITED

c) Microsoft Academic Research d) Ask. com

19) Which one of the following is not a role provided by search engines?

a) Helps in managing internet traffic

b) Helps connect users to the right websites.

c) Helps users get search result from different websites.

d) Helps users chat with friends and relatives.

20) a) Name two (2) examples of:

i) General Search Engines ii) Meta- Search Engines

b) Explain briefly the role of a Science Specific search engine.

21) a) Identify any one (1) one use of :

i) Etoy book ii) Motion block commands

b) Give the major parts of the Etoy environment (window)

22) Which one of the following practices **can not** control air pollution.

a) Installing filters in factories.

b) Recycling waste instead of burning.

c) Factories should be sited away from residential areas.

d) Using chemicals to control weeds.

23) a) Define the term Air pollution.

b) Identify some common air pollutants.

c) Identify three pollutants that are produced when the charcoal burner is lit.

d) Name two harmful gases that are produced when fuels are burnt in factories.

24) When too much Carbon Dioxide is released into the air, it causes increased temperature into the atmosphere. What is the name given to this phenomenon?

25) Name two gases that dissolve in rain water to form acid rain.

26) a) What is recycling?

b) Name 3 materials that can be recycled.

c) Carbon Dioxide is a greenhouse gas. Explain the meaning of greenhouse gas.

**GOOD LUCK !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**